

PATENT
Attorney Docket No. 401585/BRAUN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ULRICH JOOS

Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: March 14, 2002

For: SCREW-TYPE INTRAOSSEOUS
DENTAL IMPLANT

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE CLAIMS:

Replace the indicated claims with:

1. (Amended) A dental implant comprising:
 - a) a bottommost implant tip located at an apex;
 - b) a root part which extends to the implant tip (1), is intended to be fitted in a jawbone, and has a parabolic outer contour with the implant tip as vertex;
 - c) an implant neck adjoining the root part, which extends in the coronal direction and is intended to lie inside the gingiva; and
 - d) an outer thread provided on the root part, wherein
 - e) the root part has the parabolic outer contour along its entire length (l_{max}) and as far as a theoretical ridge line at which it adjoins the implant neck.
2. (Amended) The dental implant as claimed in claim 1, wherein
 - a) the outer thread provided on the root part has an outer contour extending parallel to the parabolic outer contour of the root part, and
 - b) ends at a distance of 1 mm to 4 mm from the ridge line.

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